



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Wednesday Evening, February 08, 2017

Electricity

Update: Power Restorations Efforts Continue February 8 after Strong Thunderstorms, Tornadoes Hit Southeast February 7

Strong thunderstorms producing high winds, hail, and tornadoes knocked out power to at least 74,403 customers across Louisiana, Georgia, and Florida on Tuesday with affects lasting into Wednesday. Wind gusts of up to 60 mph were reported. As of 3:30 p.m. EST on Wednesday, 15,156 customers remained without power. Clay County Electric Cooperative said its crews worked overnight to restore more than 25,000 customers, and some outages might be lengthy due to the extent of damage sustained in some areas. Entergy Louisiana service restoration is anticipated for Wednesday evening for customers who can safely accept power. The table below shows total affected customers and the latest reported outages by utility. The “Affected” column shows the total count of customers that lost power at one point or another over the course of the storm for each utility. These outages may not have occurred concurrently and are not the same as peak outages.

Southeast Customer Power Outages February 7 – 8, 2017			
Electric Utility	State	Affected	Latest Reported
Clay Electric Cooperative	FL	35,000	6,644
Gulf Power	FL	5,500	53
West Florida Electric Cooperative	FL	5,437	164
Gulf Coast Electric Cooperative	FL	4,300	6
Jacksonville Electric (JEA)	FL	2,393	144
Duke Energy Florida	FL	2,181	178
Florida Power and Light	FL	1,817	1,629
Grady EMC	GA	2,100	82
Entergy Louisiana	LA	15,931	6,256

Sources:

<https://www.facebook.com/ClayElectric/>

<https://www.facebook.com/wfec/photos/a.10150664202667228.449366.115145627227/10156529922982228/?type=3>

http://www.westflorida.coop/outage_map/

<https://www.facebook.com/pg/GulfCoastElectric/posts/>

<http://outagemap.gcec.com/>

<https://www.facebook.com/GulfPowerCompany?ref=sgm>

<http://outagemap.gulfpower.com/external/default.html>

https://www.jea.com/Outage_Center/Outage_Map/

<https://www.duke-energy.com/outages/current-outages-florida>

<http://www.outageentry.com/CustomFacingApp/map.php?clientid=GRADY>

<https://www.facebook.com/GradyEMC>

http://www.etrviewoutage.com/external/la.aspx?_ga=1.142872821.1735310904.1483958171

<http://www.news4jax.com/weather/line-of-severe-storms-leaves-wake-of-damage>

FPL's 839 MW Saint Lucie Nuclear Unit 1 in Florida Restarts, Ramps Up to Full Power by February 8

The unit shut from 30 percent on February 1 due to unknown causes.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

Update: Southern's 1,152 MW Vogtle Nuclear Unit 1 in Georgia Ramps Up to 80 Percent by February 8

On the morning of February 7 the unit restarted and ramped up to 22 percent. The unit shut from full power on February 4 due to equipment failure.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

Update: Entergy's 1,207 MW Grand Gulf Nuclear Unit 1 in Mississippi Ramps Up to 96 Percent by February 8

On the morning of February 7 the unit was operating at 58 percent. The unit shut on September 9 due to the loss of the residual heat remover pump.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2017/>

PG&E's 641 MW Colusa Gas-fired Unit in California Reduced by February 7

The unit entered an unplanned curtailment of 123 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201702071515.html>

Petroleum

Fuel Production at Five Louisiana Refineries Unaffected by Severe Weather, Tornadoes February 7

Production at ExxonMobil, PBF, Phillips 66, and Motiva refineries in southeast Louisiana were unaffected by severe weather on Tuesday that spawned tornadoes, the companies and Gulf Coast market sources said. Operations were unaffected at Exxon Mobil's 502,500 b/d Baton Rouge, Louisiana refinery; PBF Energy's 192,500 b/d Chalmette, Louisiana refinery; and Phillips 66's 247,000 b/d Alliance, Louisiana, said company representatives. Motiva Enterprises' 235,000 b/d Convent and 237,000 b/d Norco refineries in Louisiana continued planned operations despite the storms, a company spokeswoman said.

Reuters, 15:35 February 7, 2017

Valero Working to Restart SRU at Its 335,000 b/d Port Arthur, Texas Refinery February 7-8

Valero Energy Corp continued work to restart a sulfur recovery unit (SRU) at its Port Arthur, Texas refinery on Wednesday, said a source familiar with plant operations. Work to restart the SRU, which collects sulfur removed during motor fuel production, was underway Tuesday night and continued into Wednesday, the source said.

Reuters, 14:38 February 8, 2017

Update: CDU Rates Cut at Total's 225,000 b/d Port Arthur, Texas Refinery February 8 Due to FCCU Outage February 7 – Sources

The crude distillation units (CDUs) at Total SA's Port Arthur, Texas refinery were running below capacity at about 140,000 b/d on Wednesday due to the fluidic catalytic cracking unit's (FCCU) outage, sources familiar with plant operations said on Wednesday. The 76,000 b/d FCCU, which processes gas oil supplied by the CDUs, was put in circulation while repairs are made to the unit's electrical systems following a fire that broke out on Tuesday. The sources said the unit would be out of production until at least Friday. In addition, Total will shut the 5,000 b/d alkylation unit while the FCCU remains out of production. Separately, Total reported flaring occurred on Wednesday due to a fire at unit 835, according to a filing with the Texas Commission on Environmental Quality. Firefighting staff responded immediately, while operations helped reduce emissions, the filing said.

Reuters, 15:37 February 8, 2017

Reuters, 12:27 February 8, 2017

Hydrocracker at Valero's 125,000 b/d Meraux, Louisiana Refinery Shut by Fire February 8 – Sources

A fire shut the hydrocracking unit at Valero Energy Corp's Meraux, Louisiana, refinery on Wednesday morning, said sources familiar with plant operations. The fire broke out at about 7:20 a.m. CST after a gasket blew out on the 55,000 b/d hydrocracker, the sources said. A Valero spokeswoman said no injuries were reported from the fire, which was extinguished by the refinery's firefighters. The spokeswoman did not say which unit or units were affected by the fire. The hydrocracker is the primary motor fuel producing unit at the Meraux refinery.

Reuters, 11:33 February 8, 2017

Chevron Reports Plant Upset at Its 245,271 b/d Richmond, California Refinery February 6

Chevron Corp reported a plant upset at its Richmond, California refinery was caused when high hydrogen sulfide entered the fuel gas system, according to a filing with the California Emergency Management Agency. Chevron said the refinery was working to resolve the issue and there was no current offsite impact.

Reuters, 14:18 February 7, 2016

Weekly U.S. Commercial Crude Oil Stocks Increase 13.8 Million Barrels February 3 – EIA

U.S. crude inventories were up 13.8 million barrels during the week ending February 3 to a total of about 508.6 million barrels, the Energy Information Administration (EIA) said on Wednesday. Commercial stocks in the Gulf Coast region rose by about 10.9 million barrels, the largest weekly rise on record, to about 267.6 million barrels. Stocks at the Cushing, Oklahoma delivery hub for U.S. crude futures rose by 1.1 million barrels to a total of about 65.3 million barrels, EIA said.

Reuters, 11:25 February 8, 2017

DOE to Sell 10 Million Barrels of SPR Sour Crude Oil in February

The U.S. Energy Department said on Wednesday it will sell 10 million barrels of sour oil from the government's Strategic Petroleum Reserve (SPR) in late February. The sale was mandated by a law passed last year to increase medical research funding that mandates sales of 25 million barrels over three years, starting with the sale of 10 million barrels this year.

<https://energy.gov/fe/articles/doe-plans-mandated-sale-crude-oil-strategic-petroleum-reserve>

Reuters, 15:54 February 8, 2017

Natural Gas

Nothing to report.

Other News

Nothing to report.

International News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
February 8, 2017			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	52.32	53.85	29.66
NATURAL GAS Henry Hub \$/Million Btu	3.04	3.00	2.09

Source: Reuters

Links

This Week in Petroleum from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM ET every Wednesday.

Natural Gas Weekly Update from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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